

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> SRF Lightning Complex (CA-SRF-986)	<b>IR Interpreter(s):</b> Jennifer Frazer (Q)* <a href="mailto:Jennifer.frazer@usda.gov">Jennifer.frazer@usda.gov</a>	<b>Local Dispatch Phone:</b> CA NCIC (707-441-3644)	<b>Interpreted Size:</b> 7,654 IR Acres <b>Growth last period:</b> 1,034 IR Acres *Not Official Incident Acres
<b>Flight Time:</b> 2016 PDT <b>Flight Date:</b> 08/23/2023	<b>Interpreter(s) location:</b> White Sulphur Springs, MT <b>Interpreter(s) Phone:</b> (cell/text) 203-695-1207	<b>GACC IR Liaison:</b> Kyle Felker <b>GACC IR Liaison Phone:</b> 530-251-6112	<b>National Coordinator:</b> Kat Sorenson <b>National Coord. Phone:</b> 406.499.2701
<b>Ordered By:</b> Jeff Chung 559-970-1318	<b>A Number:</b> A-25	<b>Aircraft/Scanner System:</b> N350SM/Tenax	<b>Pilots/Techs:</b> / Wren
<b>IRIN Comments on imagery:</b> Clear, little orthorectification issues. Mosquito and Bluff in same scan order. Capture the Marlow Fire in Blue Creek 2 scan		<b>Weather at time of flight:</b> Clear	<b>Flight Objective:</b> Heat Perimeter Detection / Categorizing Heat Intensity
<b>Date and Time Imagery Received by Interpreter:</b> 08/23/2023 @ 2030 PDT		<b>Type of media for final product:</b> Geodatabase, Shapefiles, KMZ, PDF Maps and IRIN Log	
<b>Date and Time Products Delivered to Incident:</b> 08/24/2023 @ 03:40 PDT NIFC NFIS.		<b>Digital files sent to:</b> jeff_chung@firenet.gov <a href="mailto:carvel_bass@firenet.gov">carvel_bass@firenet.gov</a> , NIFS and <a href="http://ftp.wildfire.gov/public/incident_specific_data/calif_n/!2023_Federal_Incidents/CA-SRF-986_SRF_Lightning_Complex/IR/NIROPS">ftp.wildfire.gov/public/incident_specific_data/calif_n/!2023_Federal_Incidents/CA-SRF-986_SRF_Lightning_Complex/IR/NIROPS</a>	

**Comments / notes on tonight's mission and this interpretation:**

Started tonight's interpretation with the NIFS Event polygon downloaded at 8/23/2023 @ 1940 PDT  
 One Possible heat was detected in Devil. 41 06.267 N; 123 57.224 W. If Incident wishes to keep checking for isolated heat sources, recommend ordering IAA for this fire for greater accuracy.

Fire Name	Heat Interpretation Description	Acres (NIFS @ 1940)	Interpreted Acres	Growth in Acres
Blue Creek	Not in Scan Order	0.1	na	
Blue Creek 2	Most Growth on N and E	419	667	248
Bluff #1	Growth on all sides.	828	1,164	336
Devil	1 possible isolated heat inside	12.4	12.4	0
Glen	No Heat Observed	0.1	0.1	0
Hancock	Not in Scan Order	7	na	
Iron	Not in Scan Order	19.9	na	
Let er-Buck	1 isolated heat outside w flank. Intense heat on W and E	35	37	2
Lone Pine	Cooling. Heat along edges	1,678	1,684	6
Lost	Cooling. Growth on all sides.	529	701	172
Mosquito	Small Gains of Growth.	1,573	1,653	80
Pearch	2 isolated heat outside N flank. Growth on W and E	1,558	1,748	190
<b>TOTALS</b>		<b>6,620</b>	<b>7,654</b>	<b>1,034</b>

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*Is Marlow part of Smith Creek Complex or SRF Lighting Complex?*

This fire was mentioned in conversation on 8/22/2023. The fire is in close proximity to Blue Creek 2 and both incidents can save money by including them in the same scan. Plane flew 2 scans, with overlap over Blue Creek 2. Next flight ordered could be more efficient.

<b>Fire Name</b>	<b>Heat Interpretation Description</b>	<b>Acres (NIFS @ 1940)</b>	<b>Interpreted Acres</b>	<b>Growth in Acres</b>
Marlow		801	999	198

Marlow does appear within the Blue Creek 2 Map.